

## MAGNETIC STEREOTACTIC SYSTEM FOR TREATMENT DELIVERY

## ABSTRACT OF THE DISCLOSURE

A magnetic stereotactic system for treatment delivery includes a plurality of magnetic coils arranged to at least partially surround a body part and generate a changeable magnetic field to guide a magnetic object within the body part; and at least one x-ray source and at least one x-ray detector on opposite sides of the body part, and outside the magnetic coils but aligned with the magnetic coils to provide images of the body part that is partially surrounded by the coils. According to one embodiment, the medical treatment device has a thin elongate portion, and after moving the medical treatment device within the body to the specific location in the body by applying a magnetic field to move the magnetic object coupled to the medical treatment device, and leaving the thin elongate portion in the path through the body; the medical treatment device is removed from the body by pulling the thin elongate portion to pull the medical treatment device from the body.